PLICATION FOR WELL PERMIT

Form'No. A1-3-1990 (Please Print or Type)							
FOR OFFICE USE ONLY							
Application Number	API Number 13		Permit Number 43983				
Signature of Approval			Dat	e of Approval			
PART I	GENERAL INFOR	MATION					
Well Type: Oil (Complete (Check one)							
Gas (Complete	Parts I thru IVa,	VIII, IX)					
Enhanced Reco	overy (Complete Par	ts I thru V	V, VIII,	IX)			
X Saltwater Dis	sposal (Complete Pa	rts I thru	v, viii,	IX)			
☐ Non-Commercia	al Gas Well (Comple	te Parts I	thru IVa	, VIII, IX)			
Geologic/Stru	acture Test (Comple	te Parts I,	, II, IVa	, VIII, IX)			
Non Potable V	Nater Supply (Compl	ete Parts 1	I,II, III	, VI, VIII, IX)			
Gas Storage/G	Observation (Comple	te Parts I.	. II. III	. VII. VIII. IX)			
Application Type (Check al				, , , , , , , , , , , , , , , , , , , ,			
New Well (\$100 fee) Workover (\$100 fee if plugged) Deepening (\$100 fee) Change of location Change of operator Revoked permit (\$100 fee)							
X Conversion		Directional 					
Former Permit Number 43611 and 43983	Former Operator	Name					
Name of Operator		Telephone Number					
Indiana Gas Company, Inc. (317)321 - 0443							
Address of Operator (Check if this is a new address; effective date//) 1630 North Meridian Street							
City		State		Zip Code			
Indianapolis		Indiana		46202			
Name of Drilling Contracto		hone Number					
John Stepp (317)525 - 4599							
Address of Drilling Contractor 7249 East Blue Ridge Road, Shelbyville, Indiana 46176							
Permit to be sent to: Name Keith Keppel Indiana Gas Company Address 1630 N. Meridian Street Indianapolis, IN 46202							
Applicant is (Check one) Individual Partnership X Corporation Limited Partnership							
NOTE: Corporations and limited partnerships must be registered with the Secretary of State							

PART I Cont GENERAL INFORMATION									
Type of Bond (Check one) Surety Bond# X Blanket Bond # <u>U672955-398</u>			C.D.# Cash Draft# Certified Check#						
PART II LOCATION INFORMATION									
Name of Lease Indiana Gas Com	Well Number Ground Level Elevation 688.15								
Section (or Loc.,	V	tion)	Twp Rge 1/4 1/4 1/4 8 'from XXX'S line 26N 4W NW SW NW 38 'from XXX'W line						
County	Civil Township	Ō	Lease Acreage Well Acreage 5 Acres 20 A						
White	Big Creek					O Acres	40 Acres		
	Distance to nearest well completed in the same zone 660 ' (If Yes, see instructions) Permit #								
PART III	PRO	POSEDWE	ELL CONST	RUCTION					
Casing & 7	Tubing Record			Cement	(0.00	Hole			
O.D. Size(inches) Wt/ftGrade New/Used	Depth (ft.)	Cu. Ft	Cu. Ft Class-lb./gal.		Depth (ft.)	Diameter (Inches)		
Surface 8 5/8	24" _ J55	129	0	_		129	11		
Intermediate	New			_					
Long String 4 1/	9.5 .755	1041	150	150 -		1041	6 1/4		
Tubing <u>2 3/8</u>	4.6 _ K55	1030				in casing			
Packer Type: X Tension Compression Packer Depth 1030 'Centralizers: 'none' '									
Complete the following for directional wells only: Type of Completion: Open Hole Cased Hole									
Liner Size Casing Packer Type Casing Packer Type Deviation Angle									
(if applicable) NOTE: On surveyors plat show surface location and location at termination point.									
PART IV PROPOSED OPERATING DATA									
Sec. a PRODUCTION WELLS									
Proposed Depth' Target Formation									
Pool (Specify Name) Wildcat									
Sec. b CLASS II WELLS									
Proposed Injection Pressure (psi at the wellhead) Proposed Injection Rate 0-50 bpd depending on rate of withdrawal									
Method used to determine deepest U.S.D.W.: local knowledge									
Method used to de				X Well Te		Ca	lculated		
The Trenton formation in this hole is fairly porous. After pumping into the									

PART VI	NON-POTABLE WATER	SUPPLY WELL	h dhe basa na mandana na henara na mandana dha basa na				
Proposed Total Depth	Name of Withdrawal F	ormation	Water Withdrawal Interval				
<u></u> '			From' To'				
Describe the proposed use of water and estimate the daily production withdrawal in gallons:							
		:					
PART VII GAS STORAGE/OBSERVATION WELL							
Proposed Total Depth	Injection Interval	Name of Low	vest Drilled Formation				
	From'To'		·				
Purpose of Observation Well							
Method of Operation (include frequency & technique used to monitor)							
PART VIII AFFIRMATION							
I affirm under penalty of perjury that the information provided in this application is true to the best of my knowledge and belief.							
Signature of Operator or Authorized Agent May 5, 1994							
INSTRUCTIONS: Applications must be sent to the Department of Natural Possurage Division of							

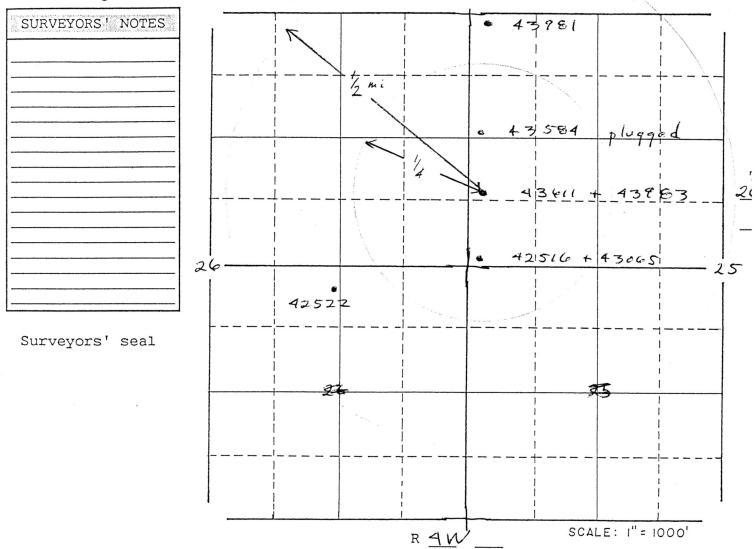
- 1. Applications must be sent to the Department of Natural Resources, Division of Oil and Gas, Attn: Technical Section, Old Trails Building, 309 W. Washington St., Suite 601, Indianapolis, Indiana 46204.
- 2. Please print or type when filling out this application.
- 3. If applying for a Class II well, a laboratory analysis of the injection water must be attached to this application. The analysis must include at least: 1.) Specific Gravity 2.) pH 3.) Total Dissolved Solids(TDS)/Milligrams per Liter(MGL) 4.) Water Resistivity 5.) Water Temperature.
- 4. If permit is to be sent by overnight mail, the applicant must include Federal Express or U.P.S. account numbers.
- 5. If "YES" box checked under PART II Acreage Communitization block, then attach Pooling Declaration or Communitization Agreement, or specify the permit number under which the agreement was previously submitted.
- 6. The letters U.S.D.W. when used in this application refer to an Underground Source of Drinking Water.
- 7. If calculation was used for determining Maximum Injection Pressure(MIP), the following formula must apply:

 MIP = [{0.8 psi/ft (0.433 psi/ft x specific gravity)} x depth]

 If well testing was used to determine Maximum Injection Pressure, documentation of all testing must be submitted.
- 8. Only those individuals whose signatures appear in PART V of the Organizational Report are authorized to sign PART VIII of this application.

INSTRUCTIONS:

- · To be completed by surveyor.
- Clearly indicate the section, township, and range on the survey, and spot well location.
- Use the surveyors notes to explain deviations from a standard location such as topography, irregular, correctional or fractional sections, military donations and surveys.
- To be completed by operator.
- OIL, GAS, GEOLOGICAL OR STRUCTURE TEST, AND GAS STORAGE/OBSERVATION WELLS:
 - Outline leased area, drilling unit allotment.
- · CLASS II AND NON COMMERCIAL GAS WELLS
 - Outline leased area.
 - Draw 1/4 mile radius circle around the proposed well and spot all other drilling, plugged, or unplugged wells within the circle that intersect the injection zone. Enter permit number under each well within 1/4 mile radius



CERTIFICATION

I hereby certify that to the best of my knowledge and belief the proposed location of the above described well, fixed as the result of an instrument survey made by me in compliance with the requirements of the law of Indiana, is truly and correctly set forth hereon.

Signature of	register	red In	diana	land surv	veyor	Date	signed	(Month,	day,	year)
See	6004	1.	orig	ginal	SULV	24				
Address	4	1	/			Phone	e Number	<u> </u>		